

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082324\  
 Data File : BN033584.D  
 Acq On : 23 Aug 2024 11:46  
 Operator : MA/JU  
 Sample : P3641-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 S-907-K1-0-0.5-081524

Quant Time: Aug 23 13:39:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 23 00:22:18 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2024  
 Supervised By :mohammad ahmed 08/29/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.545  | 152  | 7384     | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.304 | 136  | 19547    | 0.400  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.178 | 164  | 10113    | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.929 | 188  | 20336    | 0.400  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.139 | 240  | 18719m   | 0.400  | ng    | 0.00     |
| 35) Perylene-d12              | 23.309 | 264  | 21156    | 0.400  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.176  | 112  | 4632     | 0.197  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.729  | 99   | 5561     | 0.199  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.670  | 82   | 4311     | 0.266  | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.900 | 152  | 6472     | 0.231  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.676 | 330  | 1195     | 0.220  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.799 | 172  | 8810     | 0.213  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.970 | 212  | 10173    | 0.208  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.583 | 244  | 7039     | 0.165  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 9) Naphthalene                | 10.346 | 128  | 5561     | 0.106  | ng    | 94       |
| 12) 2-Methylnaphthalene       | 11.975 | 142  | 4570     | 0.138  | ng    | # 96     |
| 16) Acenaphthylene            | 13.889 | 152  | 12658    | 0.285  | ng    | 98       |
| 17) Acenaphthene              | 14.242 | 154  | 8634     | 0.277  | ng    | 97       |
| 18) Fluorene                  | 15.236 | 166  | 11742    | 0.299  | ng    | 87       |
| 24) Pentachlorophenol         | 16.582 | 266  | 298      | 0.050  | ng    | # 83     |
| 25) Phenanthrene              | 16.967 | 178  | 329969   | 5.832  | ng    | 99       |
| 26) Anthracene                | 17.053 | 178  | 49733    | 0.994  | ng    | # 95     |
| 28) Fluoranthene              | 19.003 | 202  | 1086580  | 17.380 | ng    | 99       |
| 30) Pyrene                    | 19.365 | 202  | 911848   | 10.914 | ng    | # 95     |
| 32) Benzo(a)anthracene        | 21.121 | 228  | 486120   | 7.183  | ng    | 97       |
| 33) Chrysene                  | 21.175 | 228  | 571214   | 8.491  | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 28214m   | 0.659  | ng    |          |
| 36) Indeno(1,2,3-cd)pyrene    | 25.463 | 276  | 523134   | 5.956  | ng    | # 93     |
| 37) Benzo(b)fluoranthene      | 22.668 | 252  | 945099   | 11.963 | ng    | # 93     |
| 38) Benzo(k)fluoranthene      | 22.706 | 252  | 328397m  | 4.223  | ng    |          |
| 39) Benzo(a)pyrene            | 23.215 | 252  | 566401m  | 8.664  | ng    |          |
| 40) Dibenzo(a,h)anthracene    | 25.472 | 278  | 111011   | 1.581  | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.118 | 276  | 534505   | 7.117  | ng    | 97       |
| -----                         |        |      |          |        |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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